(The information in this table indicates the dominant soil condition but does not eliminate the need

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for onsite investigation. The numbers in the value columns range from 0.01 to 1.00. The larger the value, the greater the limitation. See text for further explanation of ratings in this table.)

Map symbol and soil name	Pct. of map unit	of wastewater		Rapid infiltration of wastewater		Slow rate treatm of wastewater 		
	 	 Rating class and limiting features 		 Rating class and limiting features 		Rating class and limiting features	Value	
BrE:	i I	 		 	 	[[
Bethesda	· 60 	•	 1.00 	Very limited Slope 	 1.00 	surface	11.00	
	 		 1.00 	 Restricted permeability 	 1.00 	application Too steep for sprinkler application	11.00	
i i	 	•	1.00 0.07	•	0.14	Too acid	1.00 0.26	
Other soils 25	 - 25 	 Not rated Not rated; Ksat Not rated; pH Not Rated; Slope	 	 Not rated Not rated; Slope Not rated; Ksat Not rated; Fragments 75 to 250mm	 	 Not rated; Ksat Not rated; Ksat Not rated; pH		
	 	 Not Rated; Slope Not rated;	 	Z50mm Not rated; Fragments > 250mm	 	Not rated; Fragments 75 to 250mm Not rated;	 	
		Fragments > 250mm	 	 	 	Fragments > 250mm	 	
Rock outcrop	 	 Not rated Not rated; Ksat Not rated; pH Not Rated; Slope	 	Not rated Not rated; Slope Not rated; Ksat Not rated; Fragments 75 to	 	 Not rated Not rated; Ksat Not rated; Ksat Not rated; pH	 	
		 Not Rated; Slope 	 	250mm Not rated; Fragments > 250mm	 	Not rated; Fragments 75 to 250mm	 	
	 	Not rated; Fragments > 250mm	 	 	 	Not rated; Fragments > 250mm	 	
BuC: Buchanan	 - 100 	 Very limited Depth to cemented		 Very limited Restricted	 1.00	 Very limited Depth to cemented	 1.00	
		pan Seepage 	 1.00 	permeability Depth to saturated zone	 1.00 	pan	 1.00	
	 	 Too acid 	1.00		11.00	Too steep for surface application	1.00	
		 Depth to saturated zone	0.95	 Slope 	11.00	= =	0.95	

Table AWM-2.--Agricultural Waste Management--Continued

Map symbol and soil name	Pct. of map unit	of wastewater		Rapid infiltration of wastewater		Slow rate treatm of wastewater 		
	 	 Rating class and limiting features		 Rating class and limiting features		 Rating class and limiting features 	Value	
	 	 Too steep for surface application	 0.50 	 Too acid 	0.14	 Too steep for sprinkler application	 0.50 	
BuD: Buchanan	 - 100 	 Very limited Depth to cemented		 Very limited Slope	 1.00	 Very limited Depth to cemented	1 1.00	
		pan Too steep for surface application	 1.00 	 Restricted permeability	 1.00 	surface	11.00	
			 1.00 	 Depth to saturated zone	 1.00 	application Too steep for sprinkler application	11.00	
		 Too acid 	1.00	Depth to cemented pan	1.00		1.00	
	 	Depth to saturated zone	0.95	•	0.14	Depth to saturated zone	0.95	
Cn: Chagrin	 - 95 	 Very limited Flooding	 1.00	 Very limited Depth to saturated zone	 1.00	 Somewhat limited Flooding	10.60	
	 	 Seepage 	 1.00 	Restricted permeability	 1.00 0.60	 	 	
Holly	 - 5 	 Not rated Not rated; Ksat Not rated; pH Not Rated; Slope 	 	 Not rated Not rated; Slope Not rated; Ksat Not rated; Fragments 75 to	 	 Not rated Not rated; Ksat Not rated; Ksat Not rated; pH	 	
		 Not Rated; Slope 	 	250mm Not rated; Fragments > 250mm	 	 Not rated; Fragments 75 to 250mm	 	
	i 	Not rated; Fragments > 250mm	 		 	Not rated; Fragments > 250mm	i ! !	
DAM:			 		 		 	
Dam	 - 100	Not rated Not rated; Ksat Not rated; pH Not Rated; Slope	 	Not rated Not rated; Slope Not rated; Ksat Not rated; Fragments 75 to 250mm	 	Not rated Not rated; Ksat Not rated; Ksat Not rated; pH	 	
	 	Not Rated; Slope	 	Not rated; Fragments > 250mm	 	Not rated; Fragments 75 to 250mm	 	
	 	Not rated; Fragments > 250mm	 	 	 	Not rated; Fragments > 250mm	 	
GaC: Gilpin	 - 100 	 Very limited Depth to bedrock		 Very limited Slope	 1.00	 Very limited Depth to bedrock	 1.00	

* *	Pct. of map unit	of wastewater		Rapid infiltrati of wastewater		Slow rate treatm of wastewater 	
	 	 Rating class and limiting features 		 Rating class and limiting features 		 Rating class and limiting features 	Value
		 Seepage 	11.00	Restricted	11.00	Too steep for surface	11.00
	 		1.00	 Depth to bedrock Too acid 	1.00	application Too acid Too steep for sprinkler application	11.00
GaD:	i		İ		İ		
Gilpin	100 	Depth to bedrock Too steep for surface		——————————————————————————————————————	 1.00 1.00	Too steep for surface	 1.00 1.00
	 	application Seepage 	11.00	 Depth to bedrock 	11.00	sprinkler	11.00
	 	 Too acid 	11.00	 Too acid 	0.14	application Too acid 	11.00
GaE: Gilpin	1100	 Very limited		 Very limited		 Very limited	
-	 	Depth to bedrock		Slope	11.00	Depth to bedrock	1.00 1.00
	 	= =	11.00	Depth to bedrock	11.00	Too steep for sprinkler application	11.00
GaF:		Too acid 	1.00	Too acid 	0.14	Too acid	1.00
Gilpin	100	•		Very limited		 Very limited	
	 	Depth to bedrock Too steep for surface application	1.00 1.00 	-	1.00 1.00 	•	1.00 1.00
	 		11.00	Depth to bedrock 	1.00	Too steep for sprinkler application	11.00
GDF:		Too acid	11.00	Too acid	0.14	Too acid	1.00
Gilpin	60			 Very limited		 Very limited	
	 	Depth to bedrock Too steep for surface application	1.00 1.00 		1.00 1.00 	_	1.00 1.00
	 		1.00	Depth to bedrock 	1.00		11.00
			11.00		0.14		1.00
Dekalb	25	Seepage	11.00	——————————————————————————————————————	11.00	•	
	 	Depth to bedrock 	1.00 	Restricted permeability 	1.00 	Too steep for surface application	11.00

Map symbol and soil name	Pct. of map unit	of wastewater		 Rapid infiltrati of wastewater 		 Slow rate treatm of wastewater 	
	 	 Rating class and limiting features 		 Rating class and limiting features 		 Rating class and limiting features 	Value
	 	Too steep for surface application	11.00	 Depth to bedrock 	11.00	Too steep for sprinkler application	11.00
	 	Too acid	0.99	Cobble content 	0.35	Filtering capacity	11.00
		Cobble content	0.22	Too acid	0.14	= =	0.99
Other soils	15 	 Not rated Not rated; Ksat Not rated; pH Not Rated; Slope 	 	 Not rated Not rated; Slope Not rated; Ksat Not rated; Fragments 75 to 250mm	 	 Not rated Not rated; Ksat Not rated; Ksat Not rated; pH	
	 	Not Rated; Slope 		Not rated; Fragments > 250mm	 	Not rated; Fragments 75 to 250mm	
	 	Not rated; Fragments > 250mm		 	 	Not rated; Fragments > 250mm	
GuC: Gilpin	 55 	 Very limited Depth to bedrock Seepage 		-	 1.00 1.00	surface	1.00
	 	 Too acid Too steep for surface application	 1.00 1.00 		 1.00 0.14 	application Too acid Too steep for sprinkler application	 1.00 1.00
Upshur	 35 	 Very limited Seepage 	11.00	 Very limited Slope 	11.00	 Very limited Too steep for surface	11.00
	 	 Too steep for surface application	11.00	 Restricted permeability 	11.00	application Too steep for sprinkler application	11.00
	 	Depth to bedrock Too acid 	1.00 0.77 	=	1.00 	Depth to bedrock Restricted permeability Too acid	1.00 0.96 0.77
Other soils	 10 	 Not rated Not rated; Ksat Not rated; pH Not Rated; Slope 	i I	 Not rated Not rated; Slope Not rated; Ksat Not rated; Fragments 75 to 250mm	 	 Not rated Not rated; Ksat Not rated; Ksat Not rated; pH	
	 	Not Rated; Slope		Not rated; Fragments > 250mm	 	Not rated; Fragments 75 to 250mm	
	 	Not rated; Fragments > 250mm	 	 	 	Not rated; Fragments > 250mm	
GuD: Gilpin	 55	İ		 Vary limited		i İ	
OTTPIN	1 22	Very limited Depth to bedrock		Very limited Slope	11.00	Very limited Depth to bedrock	11.00

and soil name	 Pct. of map unit	of wastewater		 Rapid infiltrati of wastewater 		 Slow rate treatment of wastewater 	
	 	 Rating class and limiting features 		 Rating class and limiting features 		 Rating class and limiting features 	Value
	 	surface application	 1.00 1.00	permeability	11.00	Too steep for surface application Too steep for	11.00
	 	 	1 1.00	 		sprinkler application	1 1.00
Upshur	 30 	 Very limited Too steep for surface		 Very limited	Ì	 Very limited Too steep for surface	11.00
	 	application Seepage 	 1.00 	 Restricted permeability	11.00	application Too steep for sprinkler	 1.00
	 	 Depth to bedrock Too acid 	 1.00 0.77 	=	 1.00 	application Depth to bedrock Restricted permeability Too acid	 1.00 0.96 0.77
Other soils	 15 	 Not rated Not rated; Ksat Not rated; pH Not Rated; Slope 	 	 Not rated Not rated; Slope Not rated; Ksat Not rated; Fragments 75 to 250mm	 	 Not rated Not rated; Ksat Not rated; Ksat 	
	 	Not Rated; Slope 	 	Not rated; Fragments > 250mm 	 	Not rated; Fragments 75 to 250mm Not rated; Fragments > 250mm	
GuE: Gilpin	 55 	 Very limited Depth to bedrock Too steep for surface application		-	 1.00 1.00	•	11.00
	 	Seepage 	11.00	Depth to bedrock 		Too steep for sprinkler application	11.00
Upshur	 30		1.00 	Too acid Very limited	0.14 	Too acid Very limited	1.00
	 	surface application	1.00 1.00	 	1.00 1.00	surface application	1.00
	 	 		permeability	 	sprinkler application	1.00
	 	Depth to bedrock Too acid 	1.00 0.77 			Depth to bedrock Restricted permeability	0.96
Other soils	 15 	 Not rated Not rated; Ksat Not rated; pH	 	 Not rated Not rated; Slope Not rated; Ksat		Too acid Not rated Not rated; Ksat Not rated; Ksat	0.77

and soil name	Pct. of map unit	of wastewater		Rapid infiltrati of wastewater		Slow rate treatm of wastewater 	
	 	 Rating class and limiting features	Value	 Rating class and limiting features		 Rating class and limiting features	Value
	 	 Not Rated; Slope	 	 Not rated; Fragments 75 to	 	 Not rated; pH 	
	 	 Not Rated; Slope 	 	250mm Not rated; Fragments > 250mm	 	 Not rated; Fragments 75 to 250mm	
	 	Not rated; Fragments > 250mm	 		 	Not rated; Fragments > 250mm	
GwF3: Gilpin	 50	 Very limited	 	 Very limited	 	 Very limited	
	 	Depth to bedrock Too steep for surface application	1.00 1.00	•	1.00 1.00	Depth to bedrock Too steep for surface application	1.00 1.00
	 	Seepage 	1.00	Depth to bedrock 	1.00	Too steep for sprinkler application	1.00
 	 	Too acid	11.00	Too acid	0.14	Too acid	11.00
Upshur	35	Very limited Too steep for surface	11.00	Very limited Slope	11.00	Very limited Too steep for surface	11.00
	 	application Seepage 	11.00	Restricted permeability 	11.00	application Too steep for sprinkler application	 1.00
	 	Depth to bedrock Too acid 	1.00 0.77 	Depth to bedrock	1.00 	Depth to bedrock Restricted permeability Too acid	1.00 0.96 0.77
Other soils	 15	 Not rated	 	 Not rated	į į	 Not rated	
0001 00111		Not rated; Ksat Not rated; pH		Not rated; Slope Not rated; Ksat		Not rated; Ksat Not rated; Ksat	į
	 	Not Rated; Slope 	 	Not rated; Fragments 75 to 250mm		Not rated; pH 	
	 	Not Rated; Slope 	 	Not rated; Fragments > 250mm	 	Not rated; Fragments 75 to 250mm	
	 	Not rated; Fragments > 250mm	 	 	 	Not rated; Fragments > 250mm	
Ha: Hackers	100	 Very limited Seepage	11.00		11.00	 Somewhat limited Too acid	10.42
	 	 Too acid Flooding	0.42	•		 	1
JaE:							
Janelew	100 	Very limited Too steep for surface application	11.00	Very limited Slope 	11.00	Very limited Too steep for surface application	11.00

Map symbol and soil name	Pct. of map unit	of wastewater		Rapid infiltrati of wastewater		Slow rate treatm of wastewater 	
	 	 Rating class and limiting features 		 Rating class and limiting features 		 Rating class and limiting features 	
	 	 Seepage	11.00	Restricted permeability	11.00	sprinkler	11.00
		Cobble content	10.02	 Cobble content 	10.03	application 	
Lh: Lobdell	 - 45	 Very limited Flooding	1 1.00	 Very limited Depth to	1 1.00	 Somewhat limited Depth to	 0.68
		Seepage	11.00	saturated zone	11.00	saturated zone	10.60
		 Depth to saturated zone	 0.68	permeability Flooding	 0.60	 Too acid	0.07
	 	Too acid	10.07	 	 	 	
Other soils	30	Not rated Not rated; Ksat Not rated; pH Not Rated; Slope	i I	Not rated Not rated; Slope Not rated; Ksat Not rated; Fragments 75 to	 	Not rated Not rated; Ksat Not rated; Ksat Not rated; pH	
		Not Rated; Slope		250mm Not rated; Fragments > 250mm		Not rated; Fragments 75 to 250mm	
	 	Not rated; Fragments > 250mm				Not rated; Fragments > 250mm	
Holly	25	Very limited Flooding	11.00	 Very limited Depth to saturated zone	11.00	 Very limited Depth to saturated zone	11.00
	 	Depth to saturated zone Seepage	11.00	Restricted permeability	11.00		0.60
MoB:	İ I] 	i I	 	 	 	İ I
Monongahela	100	Very limited Seepage	11.00		11.00	Very limited Too acid	11.00
	 	 Too acid 	11.00	permeability Depth to saturated zone	11.00	 Depth to saturated zone	10.95
	i I	Depth to saturated zone	0.95		0.50	Too steep for surface	0.68
	 	 		 		application Restricted permeability	 0.50
Ms: Moshannon	 100 	 Very limited Flooding	11.00	=	11.00	 Somewhat limited Flooding	1 0.60
		 Seepage 	11.00	permeability	11.00	 	
Po:		 	 	Flooding 	0.60 	 	
Pope	 100 	 Very limited Flooding 	1.00	 Somewhat limited Restricted permeability	10.62	 Very limited Too acid 	11.00

* *	Pct. of map unit	of wastewater		Rapid infiltrati of wastewater		Slow rate treatment of wastewater	
	 	 Rating class and limiting features 		Rating class and limiting features		Rating class and limiting features	
	 		11.00		0.60		 0.60
Sn: Senecaville	95	Flooding 		 Very limited Depth to saturated zone Restricted	1.00	saturated zone	 0.95 0.60
 		Depth to saturated zone	10.95	permeability Flooding	10.60	İ	0.42
Holly	 5 	 Not rated Not rated; Ksat Not rated; pH Not Rated; Slope 	i I	Not rated Not rated; Slope Not rated; Ksat Not rated; Hot rated; Fragments 75 to 250mm	 	 Not rated Not rated; Ksat Not rated; Ksat Not rated; pH 	
	 	Not Rated; Slope Not rated; Fragments > 250mm	 	Not rated; Fragments > 250mm 		Not rated; Fragments 75 to 250mm Not rated; Fragments > 250mm	
Su: Sensabaugh	 95 	-	 1.00 1.00	saturated zone	 1.00 0.62 0.60	ĺ	 0.60
Holly	 5 	 Not rated Not rated; Ksat Not rated; pH Not Rated; Slope Not Rated; Slope	 	Not rated Not rated; Slope Not rated; Ksat Not rated; Fragments 75 to 250mm Not rated; Fragments >	 	 Not rated Not rated; Ksat Not rated; Ksat Not rated; pH Not rated; Fragments 75 to	
	 	 Not rated; Fragments > 250mm	 	250mm 	 	250mm Not rated; Fragments > 250mm	
Uf: Udorthents	 100 	Not rated; Ksat Not rated; pH Not Rated; Slope	i i	 Not rated Not rated; Slope Not rated; Ksat Not rated; Fragments 75 to 250mm	 	 Not rated Not rated; Ksat Not rated; Ksat Not rated; pH 	
	 	Not Rated; Slope 	 	 	 	Not rated; Fragments 75 to 250mm	

Table AWM-2.--Agricultural Waste Management--Continued

and soil name	Pct. of map unit	of wastewater		Rapid infiltrati of wastewater 		Slow rate treatm of wastewater 		
	 	 Rating class and limiting features 		 Rating class and limiting features		 Rating class and limiting features 		
	 	Not rated; Fragments 75 to 250mm	 	 	 	Not Rated; Slope	 	
Ur: Udorthents 	 50 	Not rated Not rated; Ksat Not rated; PH Not Rated; Slope Not Rated; Slope Not Rated; Slope	 	 Not rated Not rated; Slope Not rated; Ksat Not rated; Fragments 75 to 250mm	 	Not rated Not rated; Ksat Not rated; Ksat Not rated; pH Not rated; Not rated; Fragments 75 to	 	
	 	 Not rated; Fragments 75 to 250mm	 	 	 	250mm Not Rated; Slope 	 	
Urban land	 50 	 Not rated Not rated; Ksat Not rated; pH Not Rated; Slope 	 	Not rated Not rated; Slope Not rated; Ksat Not rated; Hot rated; Fragments 75 to 250mm	 	 Not rated; Ksat Not rated; Ksat Not rated; pH 	 	
	 	Not Rated; Slope 	 	Not rated; Fragments > 250mm	 	Not rated; Fragments 75 to 250mm Not rated; Fragments > 250mm	 	
VaC: Vandalia	 100 	Too steep for surface	 1.00	 Very limited Slope 	1 1.00	surface	1 1.00	
	 	application Seepage 	 1.00 	 Restricted permeability 	 1.00 	application Too steep for sprinkler application	 1.00 	
	 	Too acid 	0.91 	Depth to saturated zone 	1.00 	ĺ	0.91 0.50	
VaD: Vandalia	 100 	· · · · · · · · · · · · · · · · · · ·	 1.00 	 Very limited Slope 	 1.00 	 Very limited	 1.00 	
	 	 	1.00 	permeability	1.00	sprinkler application	1.00	
	 	Too acid 	0.91 	Depth to saturated zone 	1.00	 Restricted	0.91 0.50	
VaE: Vandalia	 100	 Very limited	 	 Very limited		permeability Very limited		

and soil name	Pct. Overland flow of of wastewater map unit			Rapid infiltration of wastewater 		 Slow rate treatm of wastewater 	
	 	 Rating class and limiting features		 Rating class and limiting features		 Rating class and limiting features	Value
	 	 Too steep for surface	1.00	 Slope 	1.00	 Too steep for surface	1.00
	 	application Seepage	11.00	Restricted permeability	11.00	application Too steep for sprinkler application	11.00
		Too acid	0.91	•	11.00		0.91
W:	 	 	 	saturated zone -		Restricted permeability	10.50
w: Water	 100 	Not rated; Ksat Not rated; pH Not Rated; Slope 	i I	Not rated Not rated; Slope Not rated; Ksat Not rated; Fragments 75 to 250mm	 	 Not rated Not rated; Ksat Not rated; Ksat Not rated; pH	
	 	Not Rated; Slope Not rated; Fragments >	 	Not rated; Fragments > 250mm 	 	Not rated; Fragments 75 to 250mm Not rated; Fragments >	
WuE3:	 	250mm 		 		250mm 	
Westmoreland	50 	_	11.00	Very limited Slope 	11.00	Very limited Too steep for surface application	11.00
	 	= =	11.00	 Depth to bedrock 	1.00		11.00
	i I	Depth to bedrock	1	permeability	11.00	Depth to bedrock	1
	 	Too acid 	0.91 	 		Too acid 	0.91
Upshur	35 	_	 1.00 	Very limited Slope 	 1.00 	Very limited Too steep for surface application	 1.00
	 	Seepage 	11.00	Restricted permeability	1.00		11.00
	 	Depth to bedrock Too acid	11.00	•	11.00	Depth to bedrock Restricted permeability	0.96
Other soils	 15 1	 Not rated		 Not rated		Too acid Not rated	10.77
	 	Not rated; Ksat Not rated; pH Not Rated; Slope		Not rated; Slope Not rated; Ksat Not rated;	 	Not rated; Ksat Not rated; Ksat Not rated; pH	
	 	 Not Rated; Slope 	 	Fragments 75 to 250mm Not rated; Fragments > 250mm	 	 	
	 	Not rated; Fragments > 250mm		25011111		Not rated; Fragments > 250mm	